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## (12) United States Patent

#### Hansson et al.

# (54) PROCESS FOR THE MANUFACTURING OF SURFACE ELEMENTS

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This patent is subject to a terminal dis-

claimer.

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None

See application file for complete search history.

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#### (57) ABSTRACT

Processes for manufacturing surface elements are provided. The surface elements can comprise a decorative upper layer and a supporting core. Processes for manufacturing such surface elements can comprise manufacturing a supporting core having an upper side, treating said upper side of said supporting core, including at least one of the steps of ground coating with a primer, sanding and providing said upper side with a surface structure, applying a digitally printed décor comprising inks of at least four colors directly on top of the ground coating by an ink-jet type printer, said digitally printed decor being one of wood or mineral, and providing and curing a protecting and at least partly translucent wear layer on the upper side of the supporting core.

#### 13 Claims, 3 Drawing Sheets

